

## **PART D- Edited last amended claims**

### **Claims**

1. A cash management data processing system for multi-location standardized trading Nodes, allowing financial clearing within each Node, and between any two Nodes, linked to banking payment systems, comprising:
  - i) Fiduciary and electronic Escrow accounts at each Node;
  - j) an electronic processor for fund movement between said Fiduciary and Escrow accounts bi-directionally at said Node;
  - k) an electronic intelligent hub for matching orders among said Nodes
  - l) an electronic processor for fund movement from said Fiduciary account of said Node to another for financial clearing;
  - m) a price matching engine in selected base currency;
  - n) a system of providing daily cash settlement for said financial reporting;
  - o) an electronic processor for reporting a daily account statement, marked-to-market;
  - p) an electronic processor for generating a physical delivery receipt against said cash settlement.
2. The system of claim 1, wherein the required funds for a customer's pending match will be blocked from said Fiduciary account until a match is made or the order is canceled.
3. The system of claim 1 wherein said Fiduciary account holds local currency and at least one foreign currency as base currency in said Node, for the purpose of Node-to-Node transaction.
4. The system of claim 2, wherein said blocked funds from said Fiduciary account are moved to its corresponding Escrow account in base currency for said financial clearing after said pending match is made.
5. The system of claim 4, wherein a daily price adjustment is made to said blocked funds in said Escrow account reflecting cash value of trade as marked-to-market for the settlement purpose.
6. The system of claim 5, wherein said marked-to-market pricing triggers the movement of said funds between said Fiduciary and Escrow accounts to make the necessary adjustment to said daily account statement

7. The system of claim 6, wherein the net amount reported in said Escrow account resulting from the movement of funds between said Fiduciary and Escrow accounts represents daily cash settlement.
8. The system of claim 1 wherein, designated bonded warehouses are utilized for said physical delivery settlement..
9. The system of claim 8, wherein said physical delivery settlement is accomplished by exchanging digital receipt of goods submitted by said bonded warehouse against an electronic funds transfer from said Fiduciary account.
10. (Canceled)
11. The system of claim 1, wherein said financial clearing between two Nodes is accomplished by transferring funds from said Fiduciary account of a said Node to said Fiduciary account of another Node in said base currency.
12. The system of claim 11, wherein said transferred funds is moved to said Escrow account of said Node where the match is being made.
13. The system of claim 12, wherein said transferred funds to said Escrow account constitutes the additional funds required for completing the cash settlement process in the Node where the match was made.
14. (Canceled).
15. The system of claim 1 wherein the time period for said daily settlement is included in time T +1 for the execution of trade plus additional 12 hours compensating for International Date Line.
16. The system of claim 1 wherein said banking payment systems include the Automatic Clearing House (ACH) format and Rules utilization whenever said Fiduciary account in a Node communicates with Federal Reserve Automatic Clearing House directly, or via the National Clearinghouses in North America.
17. The system of claim 1 wherein Society of Worldwide Inter-bank Financial Transaction (SWIFT) protocols Message Type (MT) 103, a format for payments systems and MT 940 a format for account statement reporting, to communicate with said Fiduciary accounts of said Nodes, executing said electronic funds transfer between two Nodes in different locations for said financial clearing and said daily cash settlement.

18. The system of claim 17 wherein the payment in foreign currency within said Node are inter-bank currency exchange rates at noon time, Eastern Standard Time, captured for daily currency translation for the purpose of moving funds between Fiduciary account and Escrow account at the end of each trading day for said daily cash settlement.